# Connecticut Drought Conditions Report

## Monthly Update for May 2025

Interagency Drought Workgroup
June 5, 2025

Regular Meeting

## Stage 2 Drought Trigger Summary by Region – June 4, 2025

| | Stage 2 Trigger | Fairfield | Hartford | Litchfield | Middlesex | New Haven | New London | Tolland | Windham | Date of Record |
|---|---|---|---|---|---|---|---|---|---|---|
| Precipitation (1) | Two-month total below 65% of normal (average) | 103% of normal for two-month period | 137% of normal for two-month period | 131% of normal for two-month period | 116% of normal for two-month period | 131% of normal for two-month period | 142% of normal for two-month period | 128% of normal for two-month period | 138% of normal for two-month period | 5/31/2025 |
| Groundwater (2) | Two out of three months below the 25th percentile | 50% of stations meet trigger | 10% of stations meet trigger | 60% of stations meet trigger | 16.7% of stations meet trigger | 25% of stations meet trigger | 0% of stations meet trigger | 66.7% of stations meet trigger | 50% of stations meet trigger | 5/31/2025 |
| Streamflow (3) | Two out of three months below the 25th percentile | 27.3% of stations meet trigger | 18.2% of stations meet trigger | 0% of stations meet trigger | 0% of stations meet trigger | 0% of stations meet trigger | 0% of stations meet trigger | 0% of stations meet trigger | 0% of stations meet trigger | 5/31/2025 |
| Reservoirs (4) | Average levels less than 80% of normal | 103% of normal | 102.17% of normal | 102.2% of normal | 100.33% of normal | 101.5% of normal | 96.6% of normal | n/a | 100% of normal | 6/4/2025 |
| Palmer Drought Severity Index (5) | (-2.0 to -2.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | (-1.99 to 1.99) | 5/31/2025 |
| Crop Moisture Index (6) | (-1.0 to -1.99) | (-0.9 to 1.9) | (1 to 1.9) | (1 to 1.9) | (1 to 1.9) | (-0.9 to 1.9) | (-0.9 to 1.9) | (1 to 1.9) | (1 to 1.9) | 5/31/2025 |
| VegDRI (seasonal) (7) | Pre-Drought Conditions | Moderate Drought / Pre-drought stress | Pre-drought stress | Moderate Drought / Pre-drought stress | Pre-drought stress | Pre-drought stress | Pre-drought stress | Pre-drought stress | Pre-drought stress | 6/1/2025 |
| Fire Danger (8) | Moderate | Moderate | Moderate | Moderate | Moderate | Moderate | Moderate | Moderate | Moderate | 6/4/2025 |
| U.S. Drought Monitor (9) | Intensity Level D1-D2 | D0 - None | None | None | None | None | None | None | None | 5/27/2025 |

| Key: | Drought trigger met across majority of region | Drought trigger partially met | Drought trigger not met |
|---|---|---|---|

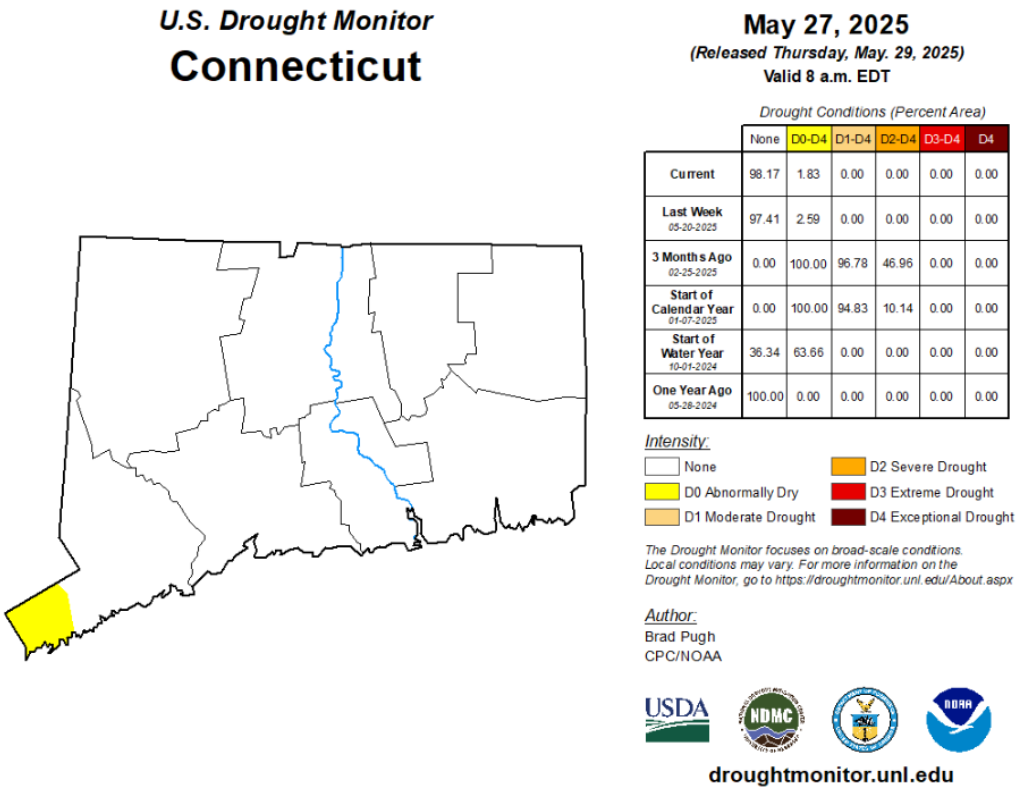
## State Drought Trigger Summary – June 4, 2025

| | Stage 2 Trigger | Stage 3 Trigger | Stage 4 Trigger | Stage 5 Trigger | Current Conditions |
|---|---|---|---|---|---|
| Precipitation (1) | Two-month total below 65% of normal (average) | Three-month total below 65% of normal (average) | Five-month total below 65% of normal (average) | Seven-month total below 65% of normal (average) | No drought triggers have been met. Percent of normal precipitation ranged between 103-142% of normal across the state. The state average was 128.25% of normal precipitation |
| Groundwater (2) | Two out of three months below the 25th percentile | Four consecutive months below the 25th percentile | Six consecutive months below the 25th percentile | Eight consevutive months below the 25th percentil | Stage 2 Trigger met in Tolland. Stage 2 Trigger partially met in Fairfield, Litchfield, New Haven, and Windham counties. |
| Streamflow (3) | Two out of three months below the 25th percentile | Four out of five months below the 25th percentile | Six out of seven months below the 25th percentile | Seven consecutive months below the 25th percentile | Stage 2 Trigger partially met in Fairfield. No other drought triggers have been met. |
| Reservoirs (4) | Average levels less than 80% of normal | Average levels less than 70% of normal | Average levels less than 60% of normal | Average levels less than 50% of normal or less than 50 days of supply | Reservoir levels are averagining between 96.6 - 103% of normal. The state average is 100.82% |
| Palmer Drought Severity Index (5) | (-2.0 to -2.99) | (-3.0 to -3.99) | (-4 or less) | (-4 or less) | Overall, the state appears to be normal / mid-range (-1.99 to 1.99) |
| Crop Moisture Index (6) | (-1.0 to -1.99) | (-2.0 to -2.99) | (-3 or less) | (-3 or less) | Much of the state is between 1 to 1.9, while the remaining coastal portion of the state is between -0.9 to 0.9. |
| VegDRI (seasonal) (7) | Pre-Drought Conditions | Moderate Drought Conditions | Severe Drought Conditions | Extreme Drought Conditions | **The majority of the state is in Pre-Drought Stress, with small portions of the northwest and southwest in Moderate Drought.** |
| Fire Danger (8) | Moderate | High | Very High | Extreme | Moderate as of 6/4/25 - Fire Danger has oscillated between Low and Moderate throughout May, with the majority of days being Low. |
| U.S. Drought Monitor (9) | Intensity Level D1-D2 | Intensity Level D2-D3 | Intensity Level D3-D4 | Intensity Level D4 | 1.83% of the state is classified as D0 (Abnormally Dry). There is no USDM drought classification for the rest of the state. |

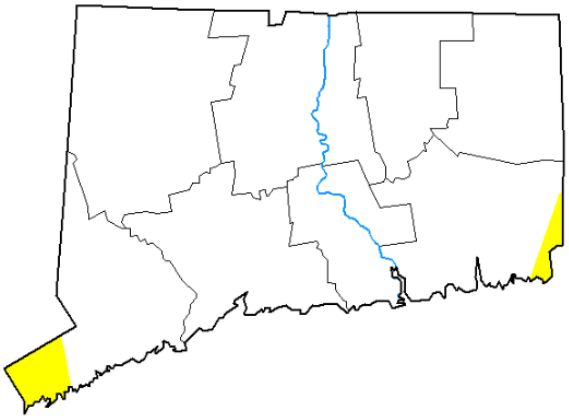
| Key: | Drought trigger met across majority of region | Drought trigger partially met | Drought trigger not met |
|---|---|---|---|

| Methodology: |
| --- |
| (1) Based on monthly precipitation averaged by region, calculated by National Weather Service (NWS). |
| (2) Based on monthly assessment of groundwater stations by region, calculated by United States Geological Survey (USGS). Region is identified as meeting trigger when ≥65% of stations in the region meet the threshold. Region is identified as parially meeting trigger when ≥ 20 % of stations in the region meet the threshold. |
| (3) Based on monthly assessment of stream gauge stations by region, calculated by USGS. Region is identified as meeting trigger when ≥65% of stations in the region meet the threshold. Region is identified as parially meeting trigger when ≥ 20 % of stations in the region meet the threshold. |
| (4) Based on latest available reservoir status reports obtained from public water suppliers and compiled by CT Department of Public Health Drinking Water Section. |
| 5) Calculated by Climate Prediction Center (CPC) for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Litchfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Average of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties. |
| 6) Calculated by CPC for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Litchfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Average of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties. |
| (7) Based on visual assessment of geographic extent of each VegDri drought designation in each region, calculated by the National Drought Mitigation Center in collaboration with USGS. |
| (8) Based on daily forest fire danger report from CT DEEP Bureau of Natural Resources, Division of Forestry. |
| (9) Based on analysis of most recent edition of the U.S. Drought Monitor, produced by the National Drought Mitigation Center |

**U.S. Drought Monitor (USDM):** For the first time since September 24, 2024, portions of the state of Connecticut were removed from drought classification in the USDM as of May 6, 2025. Since then, considerable improvements have been made across the state, with only 1.83% of the state in D0 according to the most recent map. The maps included are from the weeks of May 27th, May 13th, and May 6th.



## *U.S. Drought Monitor*
# Connecticut



## May 13, 2025
***(Released Thursday, May. 15, 2025)***
**Valid 8 a.m. EDT**

*Drought Conditions (Percent Area)*

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|---|---|---|---|---|---|
| **Current** | 97.37 | 2.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Last Week** 05-06-2025 | 47.49 | 52.51 | 0.18 | 0.00 | 0.00 | 0.00 |
| **3 Months Ago** 02-11-2025 | 0.00 | 100.00 | 96.78 | 46.96 | 0.00 | 0.00 |
| **Start of Calendar Year** 01-07-2025 | 0.00 | 100.00 | 94.83 | 10.14 | 0.00 | 0.00 |
| **Start of Water Year** 10-01-2024 | 36.34 | 63.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| **One Year Ago** 05-14-2024 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

*Intensity:*

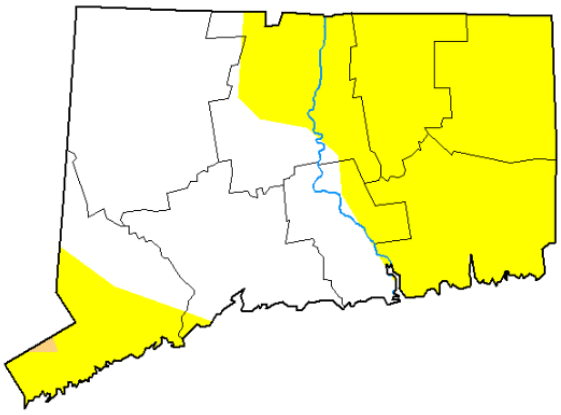
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx*

*Author:*
Rocky Bilotta
NCEI/NOAA

**droughtmonitor.unl.edu**

## *U.S. Drought Monitor*
# Connecticut



## May 6, 2025
***(Released Thursday, May. 8, 2025)***
**Valid 8 a.m. EDT**

*Drought Conditions (Percent Area)*

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|---|---|---|---|---|---|
| **Current** | 47.49 | 52.51 | 0.18 | 0.00 | 0.00 | 0.00 |
| **Last Week** 04-29-2025 | 0.05 | 99.95 | 11.95 | 0.00 | 0.00 | 0.00 |
| **3 Months Ago** 02-04-2025 | 0.00 | 100.00 | 96.78 | 46.96 | 0.00 | 0.00 |
| **Start of Calendar Year** 01-07-2025 | 0.00 | 100.00 | 94.83 | 10.14 | 0.00 | 0.00 |
| **Start of Water Year** 10-01-2024 | 36.34 | 63.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| **One Year Ago** 05-07-2024 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

*Intensity:*

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx*

*Author:*
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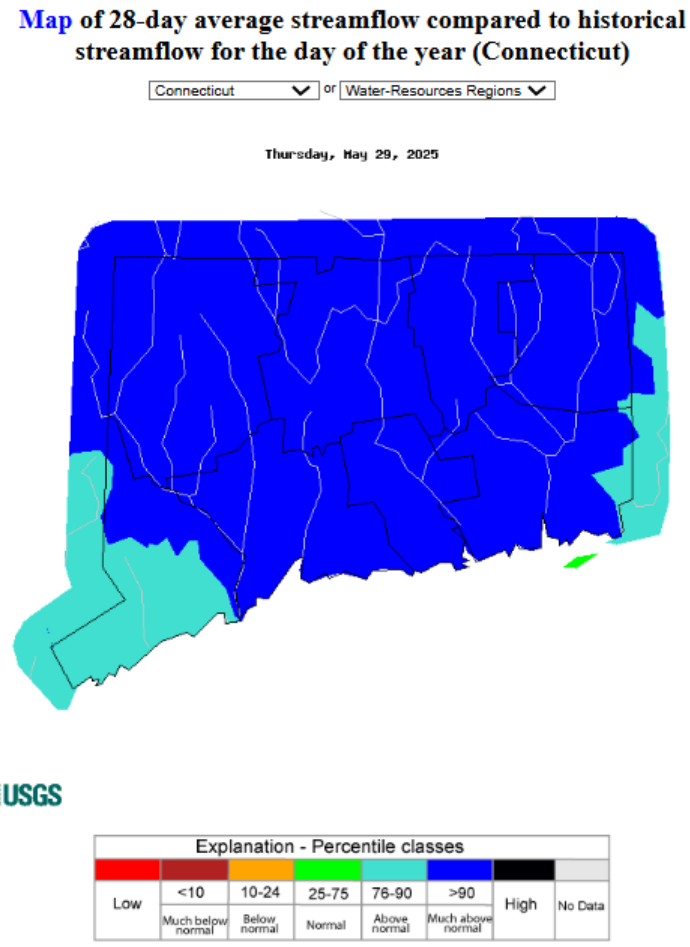
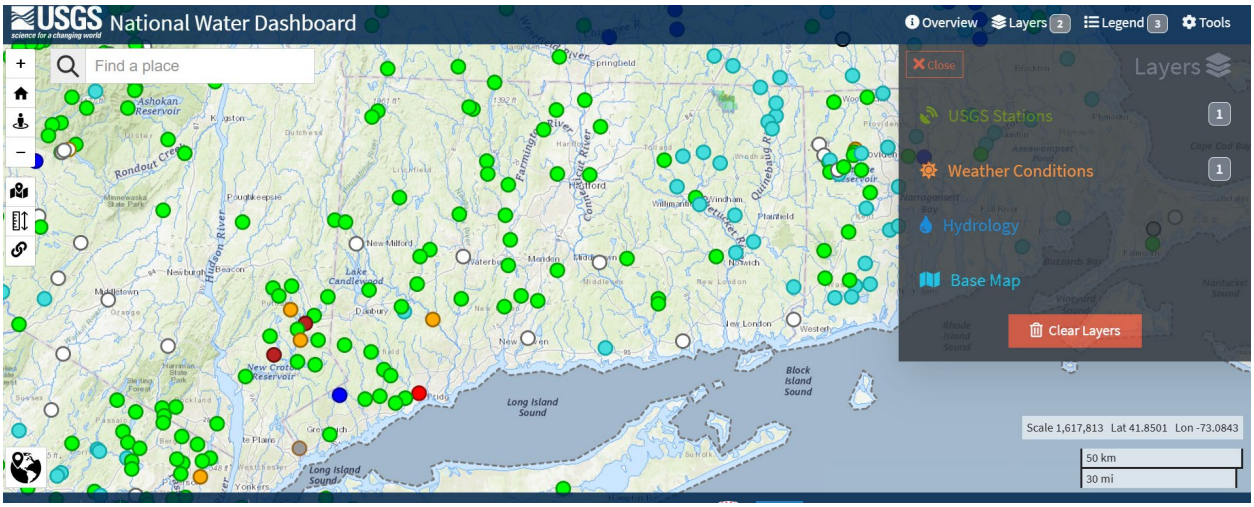
CPC/NOAA

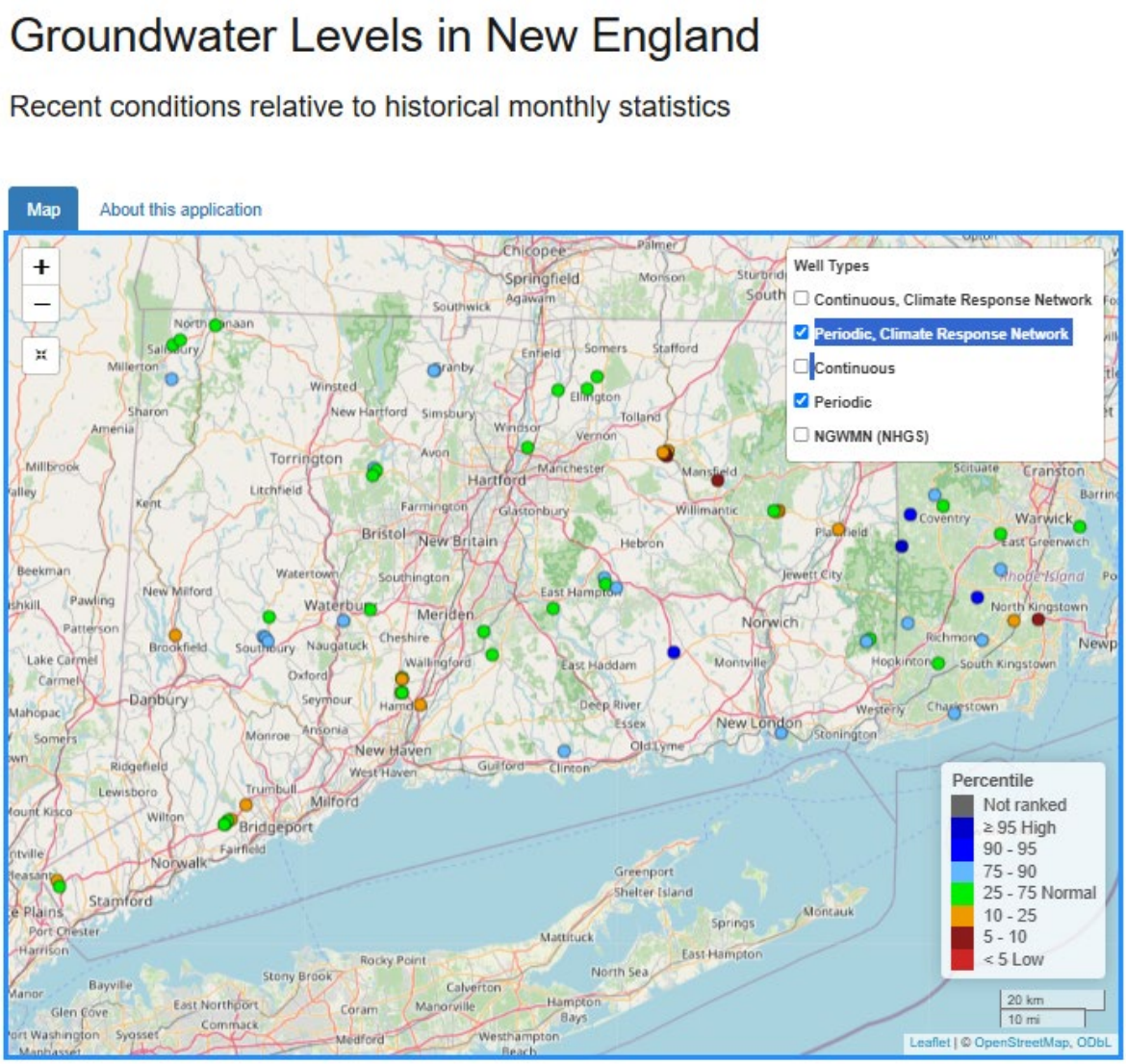
**droughtmonitor.unl.edu**

**Streamflow Levels (via USGS):** The first map below conveys the 28-day average streamflow as of May 29th. The map below illustrates streamflow levels mostly at Much Above Normal and Above Normal levels for this time of year. The second map shows a snapshot of real-time stream flow data from May 30th. The streamflow levels in this map are largely Normal, with some Above Normal in the eastern portion of the state.



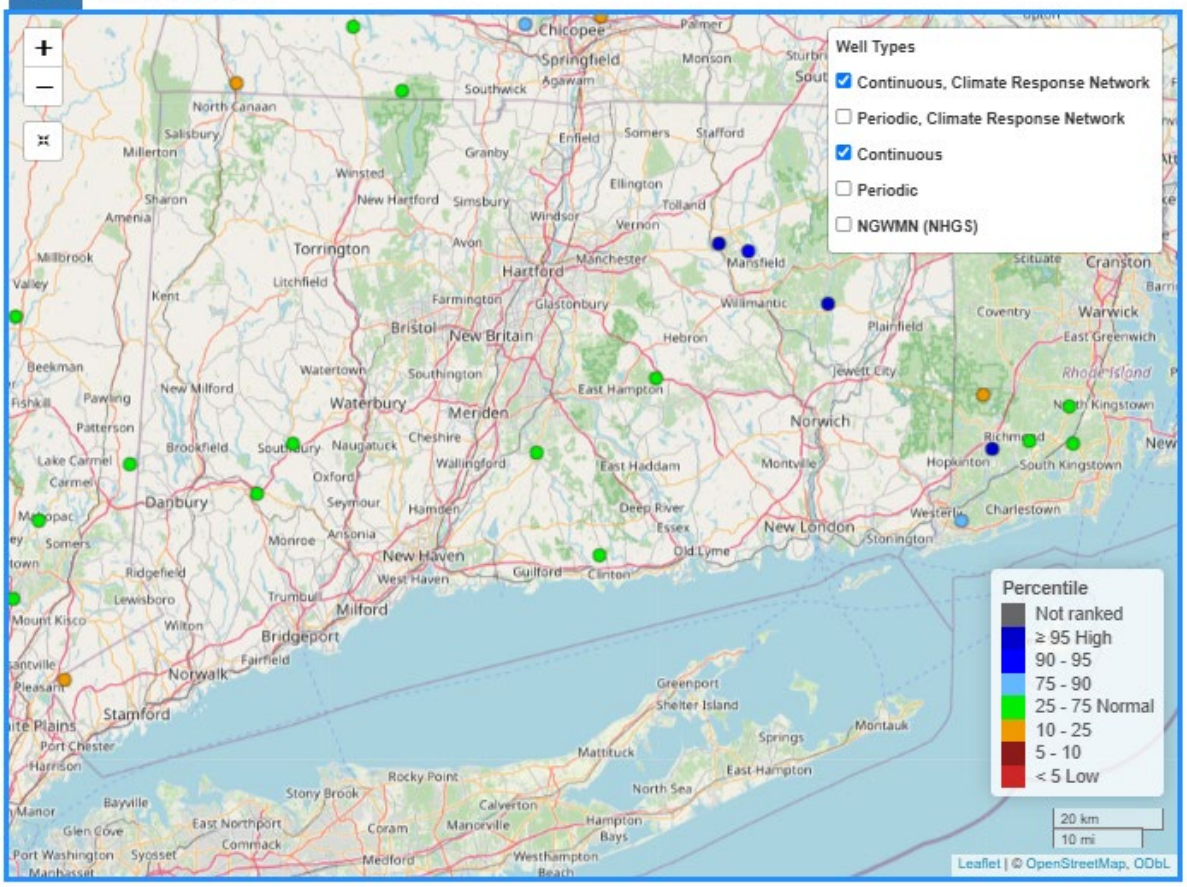
**Groundwater Levels (via USGS):** The following maps are from May 30th – the first map displays periodic monitored wells, while the second map displays continuously monitored wells. The first map shows many wells at normal (25-75%), some wells below normal (10-25%) and a few wells above normal (75-90%) levels. The second map shows mostly normal (25-75%) wells and high (90-95%) level wells.



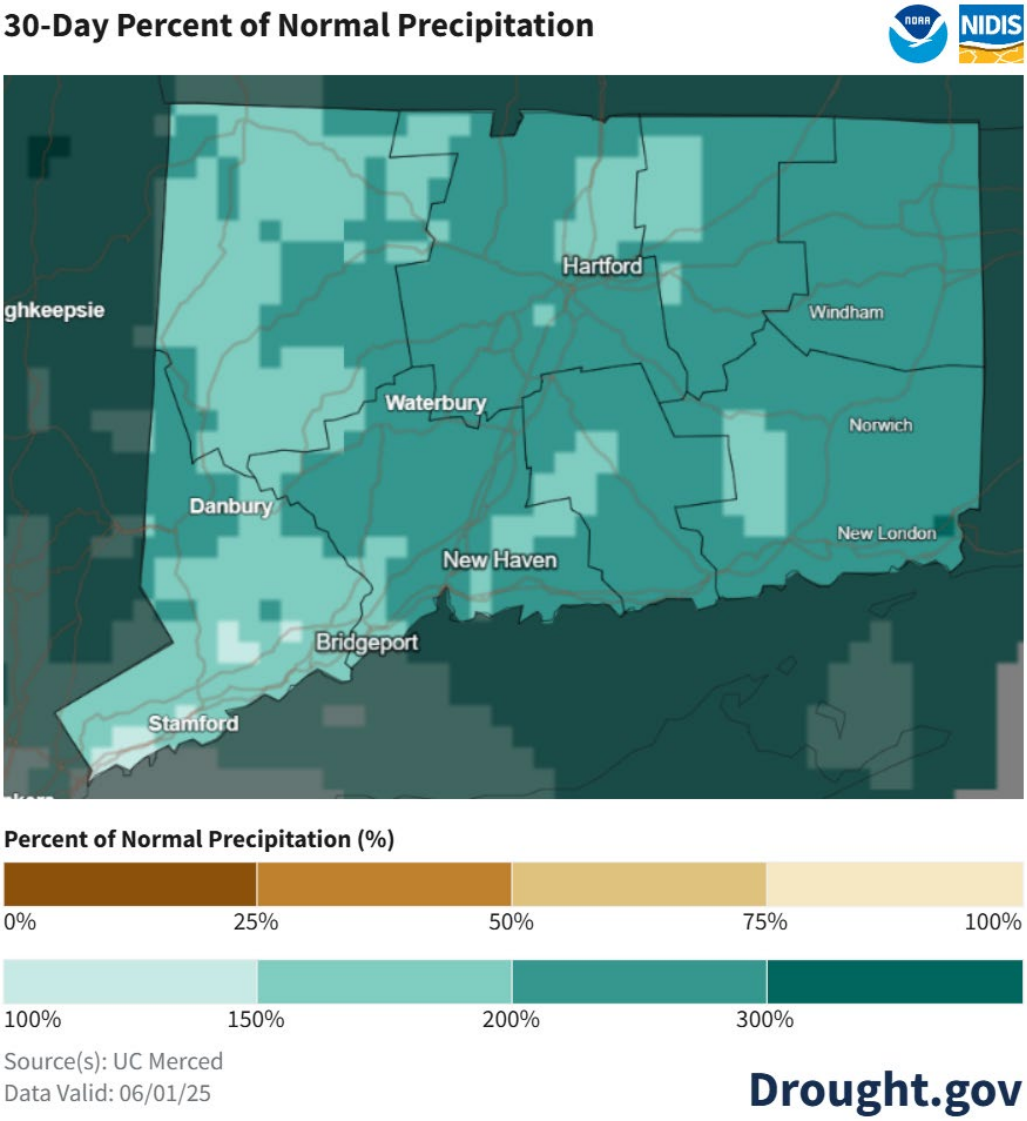
# Groundwater Levels in New England

Recent conditions relative to historical monthly statistics

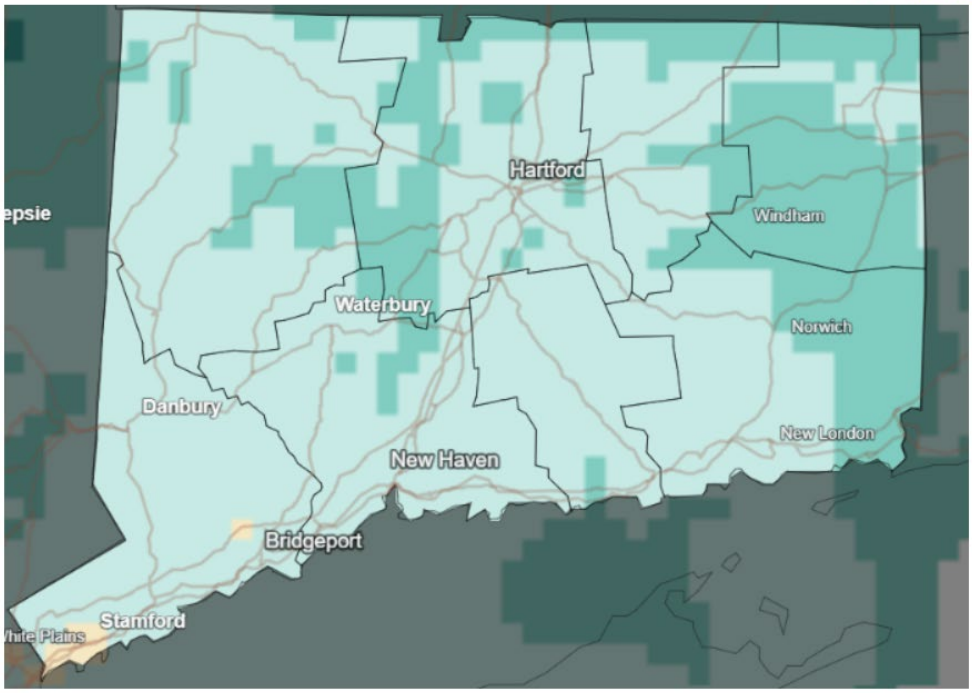
Map | About this application



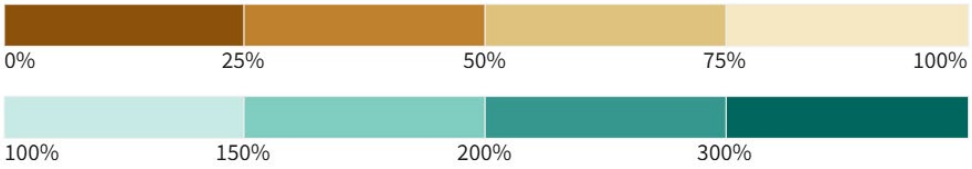
**May Precipitation:** Below are 30-Day and 60-Day Percent of Normal Precipitation maps dated June 1st illustrating above normal conditions within the last month and over the last two months. Over the last month, percent of normal precipitation ranged between 103-142% of normal across the state. The state average was 128.25% of normal precipitation.



## 60-Day Percent of Normal Precipitation



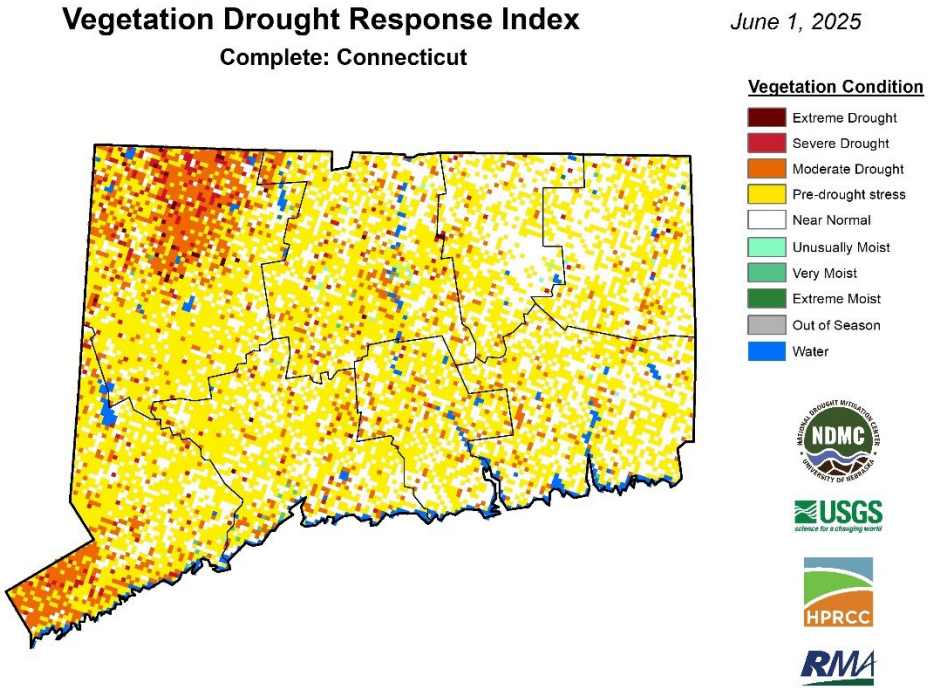

**Percent of Normal Precipitation (%)**

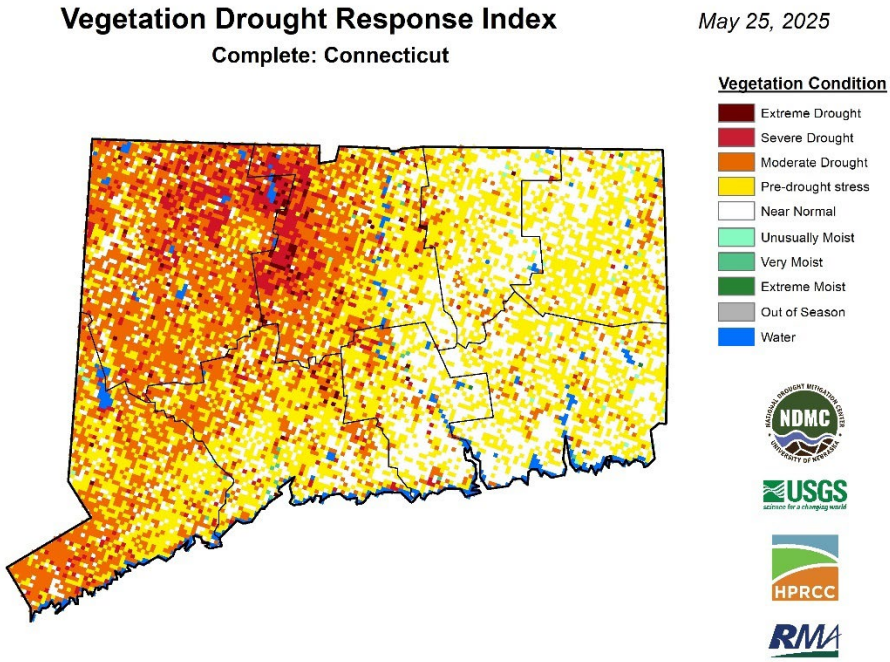



Source(s): UC Merced
Data Valid: 06/01/25

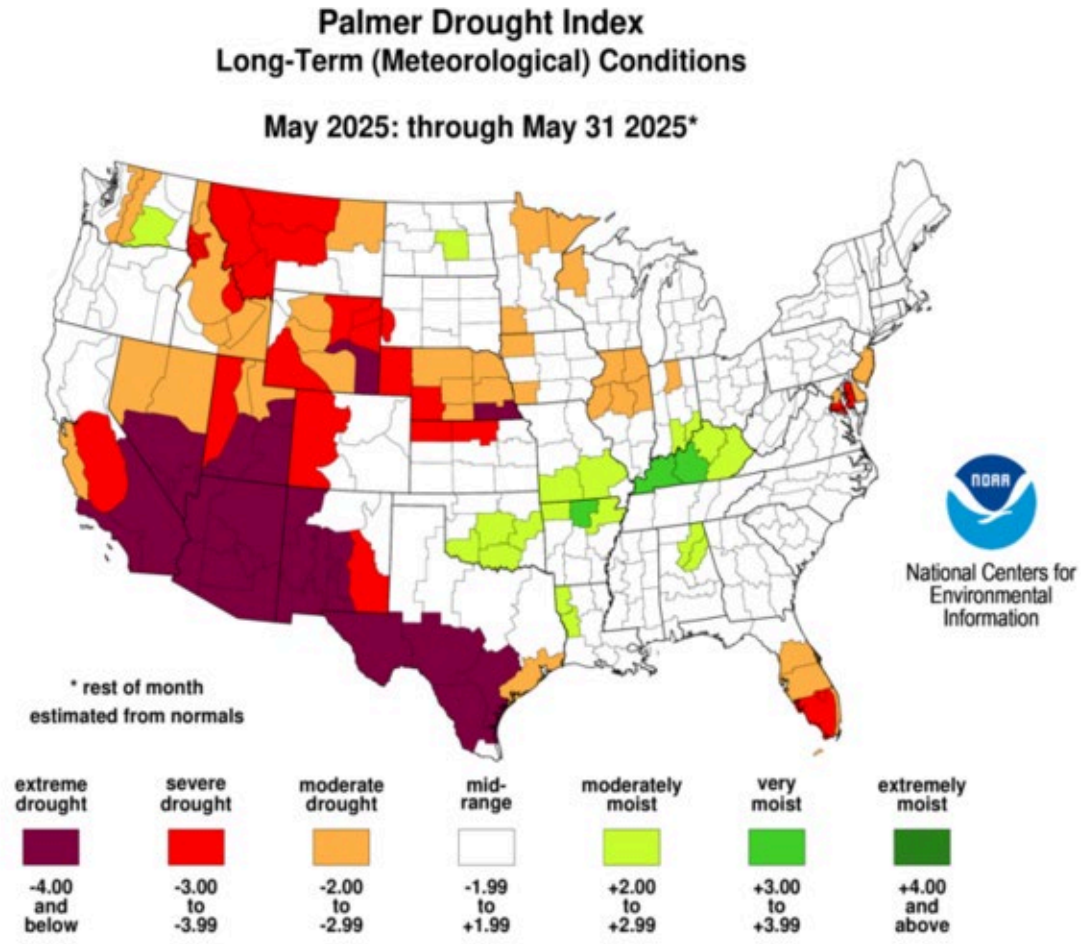
**Drought.gov**

**Vegetation Drought Response Index (VegDRI):** The VegDRI for Connecticut began coming back into season in early April, gradually returning for the full state by mid-April. The maps below are dated June 1st and May 25th. The most recent maps show the majority of the state in Moderate Drought, with small portions of the northwest and southwest in Severe Drought.

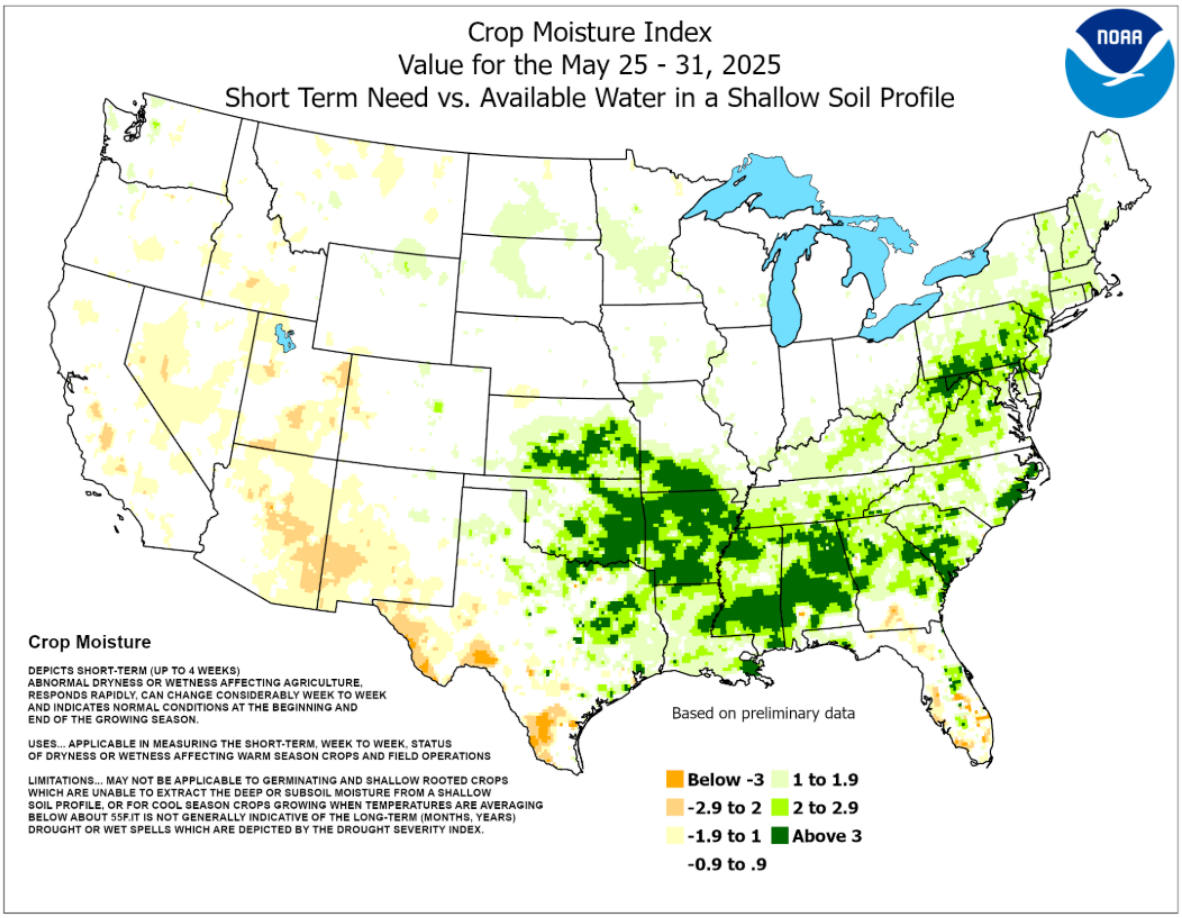


**Palmer Drought Severity Index:** The map below demonstrates the Palmer Drought Severity Index across the contiguous United States. Overall, the state appears to be normal (mid-range).



**Crop Moisture Index:** The first map demonstrates the Crop Moisture Index across the contiguous United States. The second map is a zoomed-in version of the same map, to better highlight Connecticut. Much of the state is between 1 to 1.9, while the remaining coastal portion of the state is between -0.9 to 0.9.




**Fire Danger Levels from CT DEEP:**
CT DEEP Forestry monitors wildfire conditions regularly and moves to a daily measurement when conditions are drier and the risk of wildfires is greater. In order, their fire danger ranking scheme is: **LOW, MODERATE, HIGH, VERY HIGH, AND EXTREME**. According to CT DEEP Forestry, wildfire danger levels in the state were as follows for the month of April:

- 5/1/25: **HIGH**
- 5/2/25: **MODERATE**
- 5/3/25: **HIGH**
- 5/4/25 –5/10/25: **LOW**
- 5/11/25 – 5/12/25: **MODERATE**
- 5/14/25: **LOW**
- 5/19/25: **MODERATE**
- 5/21/25: **LOW**
- 5/27/25: **LOW**
- 6/4/25: **MODERATE**

# Surface Reservoir Capacity Measurements and Trends

## 6/4/2025 Update

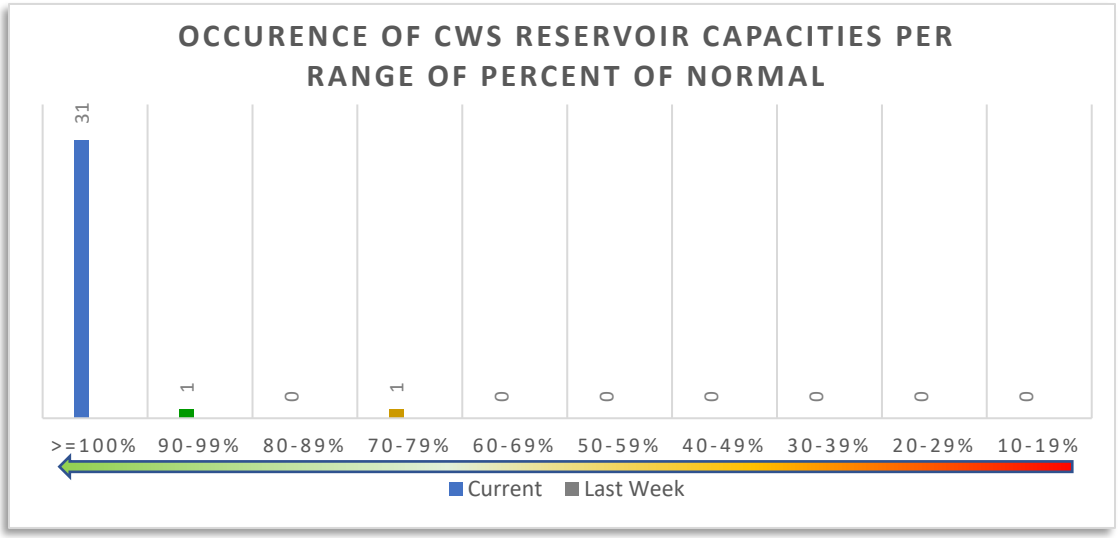
*May Rains Make the Difference in Drought Classification Reductions!*

Thirty-three surface water systems measure their reservoir capacities weekly and report the readings to the Drinking Water Section (DWS). The attached table summarizes the most recent measurements in percent full and shows the week-to-week trend of their capacities.

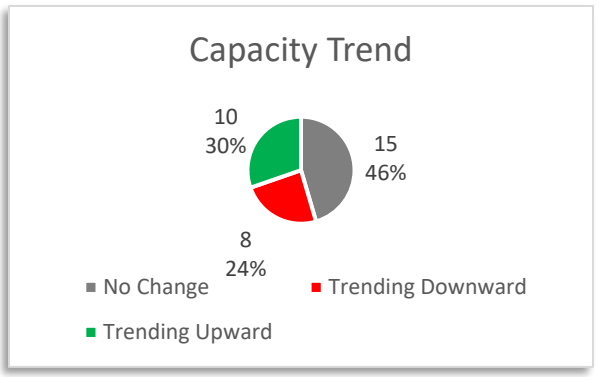
**Key takeaways**:

| >= 100% of Normal n=33 | State Average Percent Full | Average Percent of Normal |
|---|---|---|
| 31 | 97.9% | 101.1% |

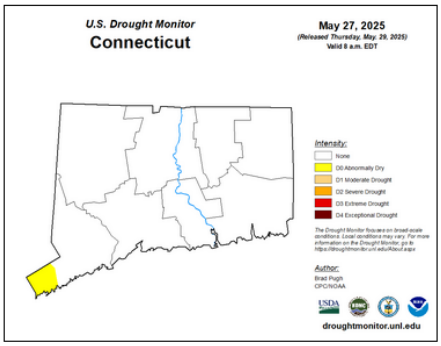
- 16 reservoir systems have reported that they are currently 100% full.

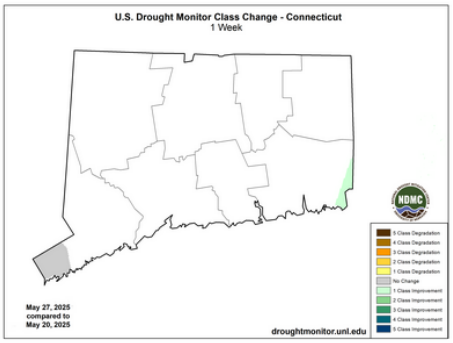



- The gray bars indicate last week's measurements, and the colored bar is the current measurement. In non-drought conditions, the graph above would have all of the systems in the >=100% of normal column (n=34).
- 10 systems' short-term week to week trend is upward. 8 systems are trending downward in capacity from their previous measurements. 15 systems have had no change in capacity.
- Danbury Water No longer in a Drought Stage.

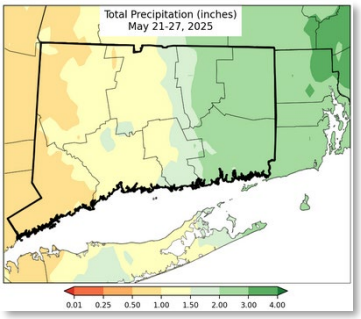


- **US Drought Monitor**: – US Drought Monitor further reduced abnormally dry classification by making classification improvements in New London County removing D0 – Abnormally Dry.
- https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT

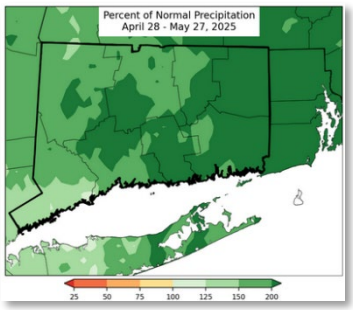


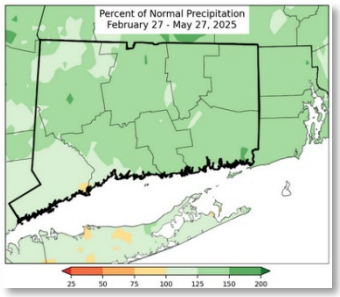

- Last USDM week (between May 21st and May 27th), CT received anywhere from 0.5 to 4 inches of rain. (Map 1). The 30-day Percent of Normal Precipitation map shows improvement with nearly the entire state being wetter than normal (Map 2). The long-term trend over the last 90 days still shows near normal rainfall for the majority of CT (Map 3). The 7-Day Streamflow map shows at or above normal stream flows throughout CT with some areas running above normal from the recent rains. Real time monitoring groundwater wells show normal to much above normal in much of CT.



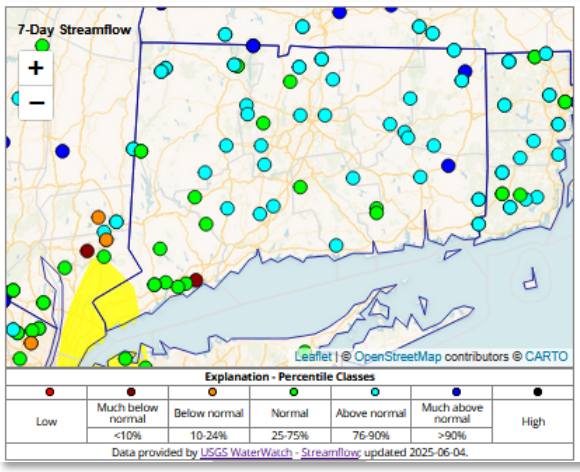

*Map 1- 7 Day Total Precipitation*

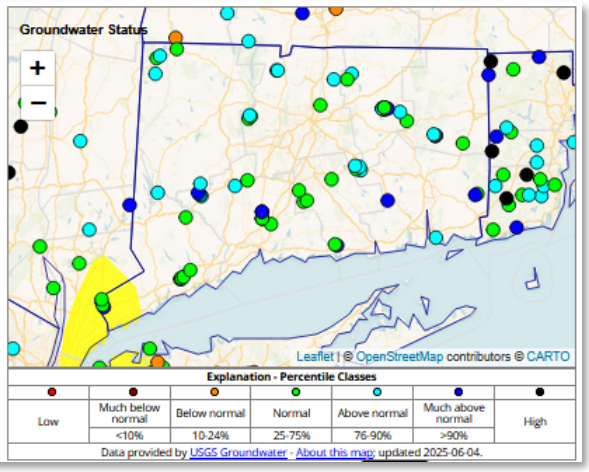



*Map 2- 30 Day Percent of Normal Precipitation*




*Map 3 – 90 Day Percent of Normal Precipitation*



| PWSID | PWS Name | Most Recent Reading Date | Percent Full | Current Status | Trend | Historical Average | Percent of Normal | Previous Date | Previous Percent Full | County_Served |
|---|---|---|---|---|---|---|---|---|---|---|
| CT0570011 | Aquarion Water Co of CT-Greenwich Syster | 5/18/2025 | 99.40 | No Drought Stage | ↑ | 98.10 | 101 | 5/11/2025 | 98.50 | FAIRFIELD |
| CT1030011 | Norwalk First Taxing District | 6/1/2025 | 94.80 | No Drought Stage | -- | 93.00 | 102 | 5/25/2025 | 94.80 | FAIRFIELD |
| CT0150011 | Aquarion Water Co of CT-Main System | 5/18/2025 | 99.80 | No Drought Stage | ↑ | 98.20 | 102 | 5/11/2025 | 99.50 | FAIRFIELD |
| CT1350011 | Aquarion Water Co of CT-Stamford | 5/11/2025 | 96.70 | No Drought Stage | ↑ | 94.60 | 102 | 5/4/2025 | 94.80 | FAIRFIELD |
| CT0340011 | Danbury Water Department | 5/25/2025 | 99.30 | No Drought Stage | ↑ | 96.20 | 103 | 5/18/2025 | 98.70 | FAIRFIELD |
| CT0090011 | Bethel Water Dept | 6/1/2025 | 100.00 | No Drought Stage | -- | 96.60 | 104 | 5/25/2025 | 100.00 | FAIRFIELD |
| CT1030021 | South Norwalk Electric & Water | 6/2/2025 | 99.80 | No Drought Stage | ↑ | 93.10 | 107 | 5/27/2025 | 99.50 | FAIRFIELD |
| CT0770021 | Manchester Water Department | 5/25/2025 | 99.90 | No Drought Stage | ↓ | 100.20 | 100 | 5/18/2025 | 100.00 | HARTFORD |
| CT0890011 | New Britain Water Department | 5/29/2025 | 92.30 | No Drought Stage | ↓ | 91.40 | 101 | 5/22/2025 | 93.30 | HARTFORD |
| CT0473011 | CTWC - Northern Reg-Western System | 5/29/2025 | 100.00 | No Drought Stage | -- | 96.70 | 103 | 5/22/2025 | 100.00 | HARTFORD |
| CT0640011 | Metropolitan District Commission | 5/25/2025 | 100.00 | No Drought Stage | ↑ | 97.00 | 103 | 5/18/2025 | 100.00 | HARTFORD |
| CT0170011 | Bristol Water Department | 6/1/2025 | 98.00 | No Drought Stage | ↑ | 95.40 | 103 | 5/25/2025 | 97.60 | HARTFORD |
| CT1310011 | Southington Water Department | 5/31/2025 | 100.00 | No Drought Stage | -- | 97.30 | 103 | 5/24/2025 | 100.00 | HARTFORD |
| CT1220011 | Aquarion Water Co of CT-Salisbury Sys | 5/18/2025 | 99.50 | No Drought Stage | ↓ | 99.80 | 100 | 5/11/2025 | 100.00 | LITCHFIELD |
| CT0980011 | Aquarion Water Co of CT-Norfolk System | 5/18/2025 | 100.00 | No Drought Stage | -- | 99.80 | 100 | 5/11/2025 | 100.00 | LITCHFIELD |
| CT1620011 | Winsted Water Works | 6/1/2025 | 100.00 | No Drought Stage | -- | 99.30 | 101 | 5/25/2025 | 100.00 | LITCHFIELD |
| CT1430011 | Torrington Water Company | 5/18/2025 | 100.00 | No Drought Stage | ↓ | 94.80 | 105 | 5/11/2025 | 100.00 | LITCHFIELD |
| CT1250011 | Sharon Water & Sewer Commission | 5/3/2025 | 100.00 | No Drought Stage | -- | 95.70 | 105 | 4/26/2025 | 100.00 | LITCHFIELD |
| CT0830011 | Middletown Water Department | 4/26/2025 | 92.30 | No Drought Stage | ↓ | 98.20 | 94 | 4/19/2025 | 92.90 | MIDDLESEX |
| CT0261031 | CTWC - Shoreline Region-Chester System | 5/29/2025 | 100.00 | No Drought Stage | -- | 97.50 | 103 | 5/22/2025 | 100.00 | MIDDLESEX |
| CT0830021 | Connecticut Valley Hospital | 5/26/2025 | 100.00 | No Drought Stage | -- | 95.80 | 104 | 5/19/2025 | 100.00 | MIDDLESEX |
| CT0608011 | CTWC - Shoreline Region-Guilford System | 5/29/2025 | 100.00 | No Drought Stage | -- | 99.60 | 100 | 5/22/2025 | 100.00 | NEW HAVEN |
| CT0800011 | Meriden Water Division | 5/4/2025 | 96.10 | No Drought Stage | ↑ | 96.20 | 100 | 4/27/2025 | 91.50 | NEW HAVEN |
| CT1510011 | Waterbury Water Department | 5/18/2025 | 98.30 | No Drought Stage | ↓ | 97.80 | 100 | 5/11/2025 | 99.40 | NEW HAVEN |
| CT0880011 | CTWC - Naugatuck Region-Central System | 5/29/2025 | 100.00 | No Drought Stage | -- | 99.00 | 101 | 5/22/2025 | 100.00 | NEW HAVEN |
| CT0930011 | Regional Water Authority | 5/25/2025 | 98.00 | No Drought Stage | ↓ | 95.50 | 103 | 5/18/2025 | 99.10 | NEW HAVEN |
| CT1480011 | Wallingford Water Department | 5/30/2025 | 97.10 | No Drought Stage | ↓ | 92.70 | 105 | 5/23/2025 | 97.40 | NEW HAVEN |
| CT1370011 | Aquarion Water Co of CT-Mystic | 5/18/2025 | 78.30 | No Drought Stage | ↑ | 99.40 | 79 | 5/11/2025 | 74.70 | NEW LONDON |
| CT0580011 | Jewett City Water Company | 4/28/2025 | 100.00 | No Drought Stage | -- | 100.00 | 100 | 4/21/2025 | 100.00 | NEW LONDON |
| CT0590011 | Groton Utilities | 5/26/2025 | 100.00 | No Drought Stage | -- | 98.70 | 101 | 5/19/2025 | 100.00 | NEW LONDON |
| CT1040011 | Norwich Public Utilities | 5/31/2025 | 100.00 | No Drought Stage | -- | 99.30 | 101 | 5/24/2025 | 100.00 | NEW LONDON |
| CT0950011 | New London Dept. of Public Utilities | 5/25/2025 | 90.70 | No Drought Stage | ↑ | 88.90 | 102 | 5/18/2025 | 90.40 | NEW LONDON |
| CT1630011 | Windham Water Works | 6/1/2025 | 100.00 | No Drought Stage | -- | 100.00 | 100 | 5/25/2025 | 100.00 | WINDHAM |
| | | | **97.89** | | | 96.84 | 101.08 | | | |

| | |
|---|---|
| ↑ | -Increase since last measurement (less than 10% increase) |
| ↑↑ | -Increase since last measurement (10% or greater increase) |
| ↓ | -Decrease since last measurement (less than 10% decrease) |
| ↓↓ | -Decrease since last measurement (10% or greater decrease) |
| -- | - Same measurement as the previous measurement |

| Number of systems: | |
|---|---|
| Greater than or equal to 100% of Normal | 31 |
| Between 90% and 99% of Normal | 1 |
| Less than 90% of Normal | 1 |
| At 100% Full | 16 |

Ave Percent of Normal by County

| | |
|---|---|
| 103.00 | FAIRFIELD |
| 102.17 | HARTFORD |
| 102.20 | LITCHFIELD |
| 100.33 | MIDDLESEX |
| 101.50 | NEW HAVEN |
| 96.60 | NEW LONDON |
| 100.00 | WINDHAM |


# U.S. Geological Survey

## Status of streamflow and groundwater levels, as of end of May 2025

USGS

| Name | Total | Number of wells below normal | Number of wells below normal for 2 out of last 3 months | Number of wells below normal for 4 or more consecutive months | Percent below normal | Percent stage 2 | Percent stage 3 |
|---|---|---|---|---|---|---|---|
| Fairfield | 10 | 0 | 5 | 0 | 0 | 50 | 0 |
| Hartford | 10 | 0 | 1 | 0 | 0 | 10 | 0 |
| Litchfield | 5 | 0 | 3 | 0 | 0 | 60 | 0 |
| Middlesex | 6 | 0 | 1 | 0 | 0 | 16.7 | 0 |
| New Haven* | 12 | 0 | 3 | 0 | 0 | 25 | 0 |
| New London | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tolland | 12 | 1 | 8 | 1 | 8.3 | 66.7 | 8.3 |
| Windham | 6 | 0 | 3 | 0 | 0 | 50 | 0 |

# END OF MAY 2025 GROUNDWATER SUMMARY BY COUNTY

*Measurement missing in New Haven county in May 2025 – Well CT-HM 448

USGS

*Data is provisional and subject to revision.

| Name | Total | Number of streamgages below normal | Number of streamgages below normal for 2 out of last 3 months | Number of streamgages below normal for 4 out of last 5 months | Percent below normal | Percent stage 2 | Percent stage 3 |
|---|---|---|---|---|---|---|---|
| Fairfield | 11 | 1 | 3 | 3 | 9.1 | 27.3 | 27.3 |
| Hartford | 11 | 0 | 2 | 2 | 0 | 18.2 | 18.2 |
| Litchfield | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Middlesex | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Haven | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| New London | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tolland | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Windham | 9 | 0 | 0 | 0 | 0 | 0 | 0 |

# MAY 2025 STREAMFLOW SUMMARY BY COUNTY

USGS

*Data is provisional and subject to revision.

# CT Interagency Drought Workgroup NWS Update

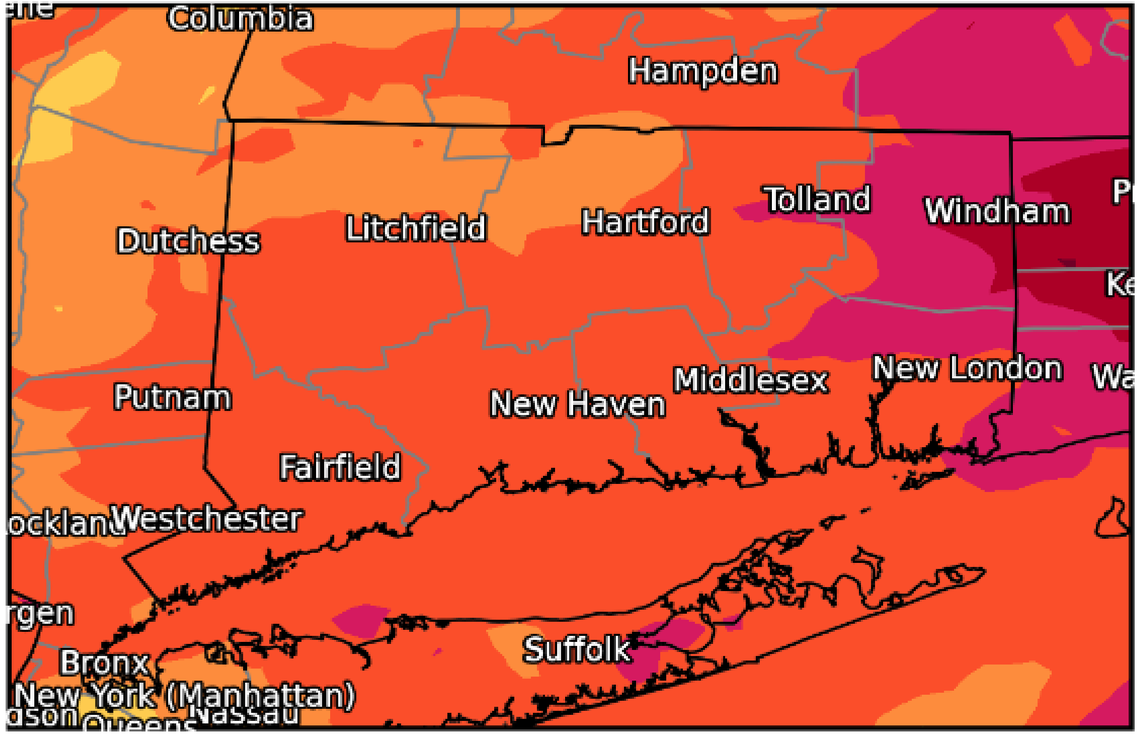
Thursday, June 6th 2024

*Prepared by: NWS WFO Boston, MA*

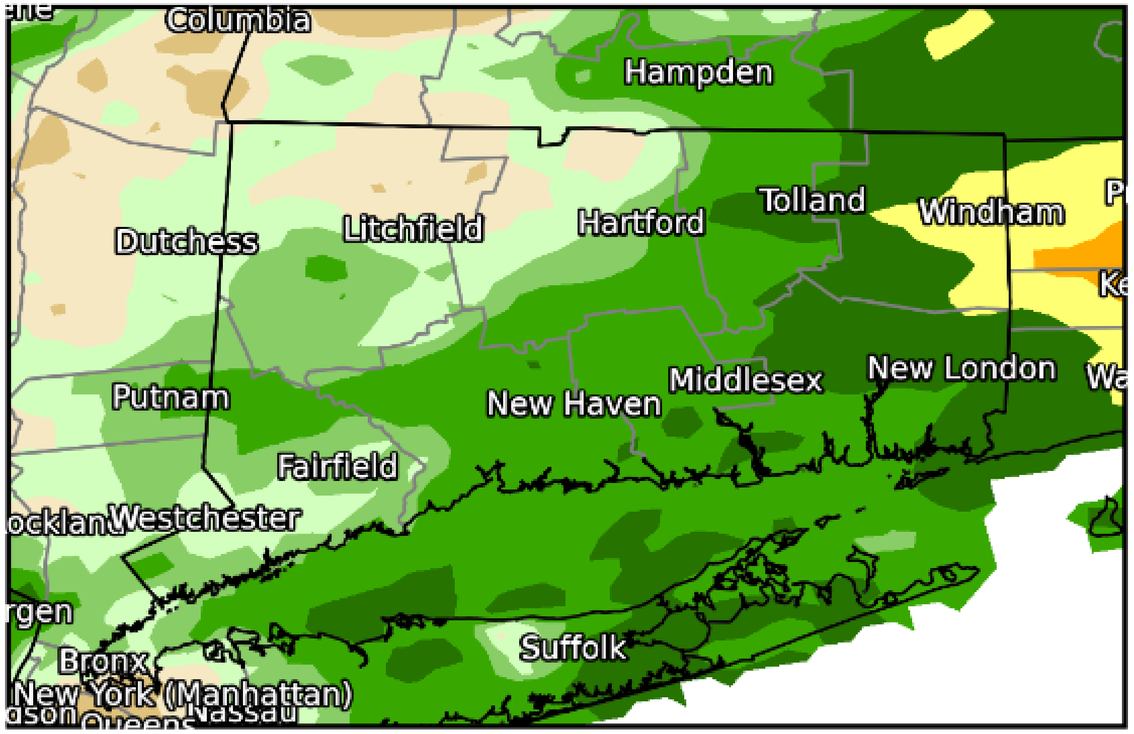
# May 2024 Recap – Precip Totals

Albany, NY
WEATHER FORECAST OFFICE

Accumulated Precipitation (inches)
May 01, 2024 to May 31, 2024



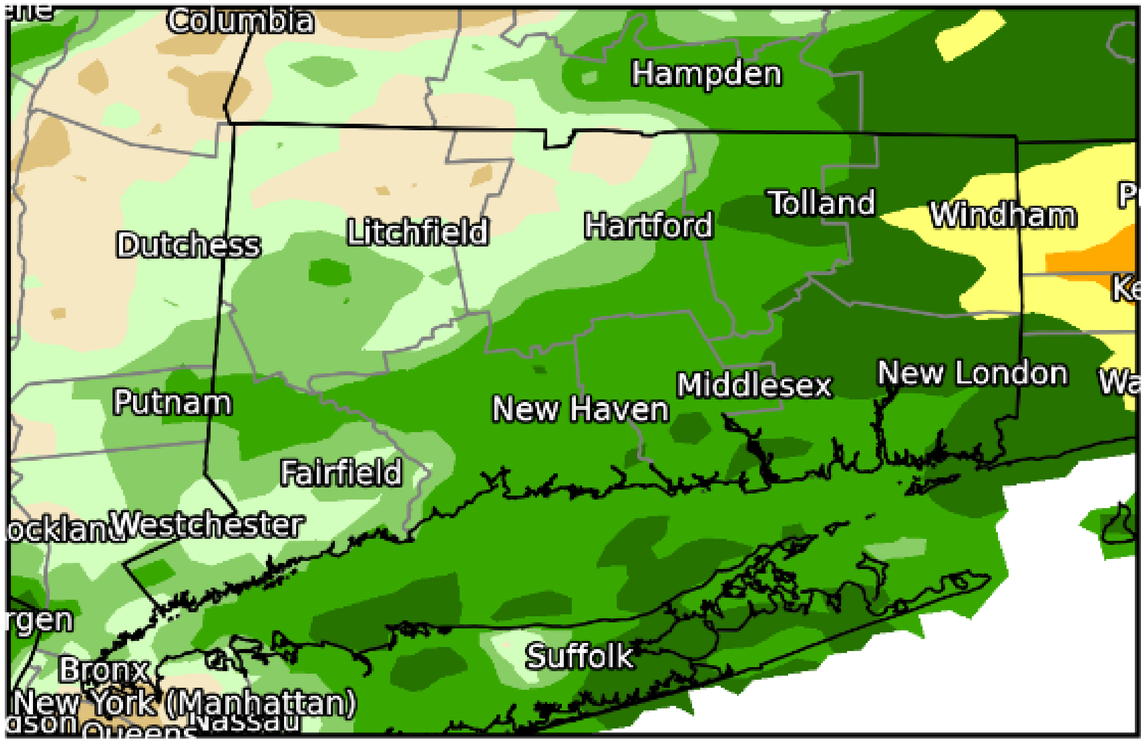

Precipitation Departure from Normal (inches)
May 01, 2024 to May 31, 2024

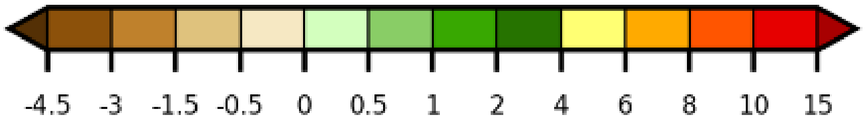


# 1 and 2 Month Percent of Normal Precip

Albany, NY
WEATHER FORECAST OFFICE

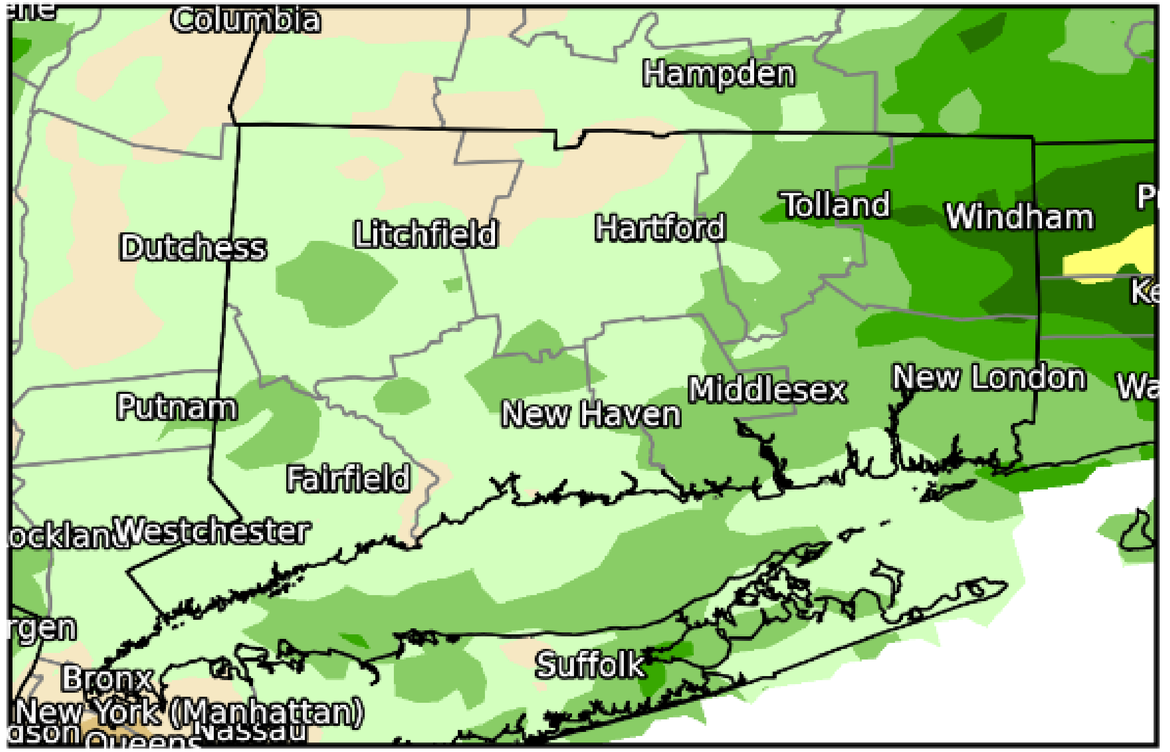
## Precipitation Departure from Normal (inches)
## May 01, 2024 to May 31, 2024

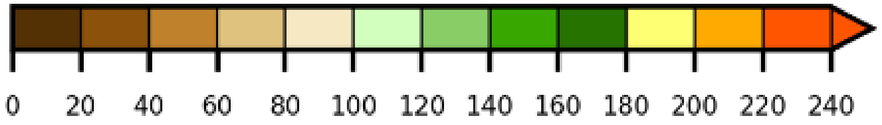



Departure from Normal (inches)

## Precipitation Percent of Normal
## April 01, 2024 to May 31, 2024



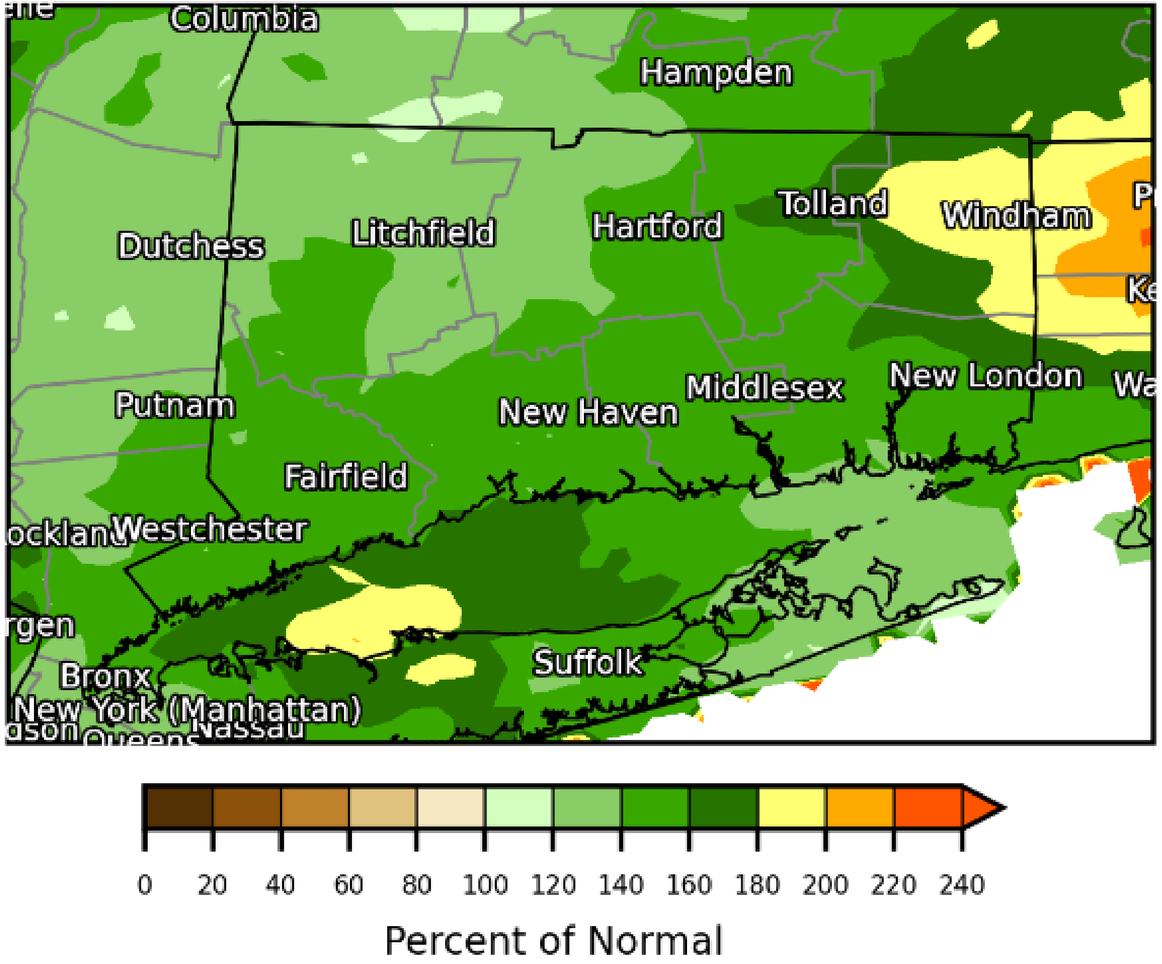




Percent of Normal

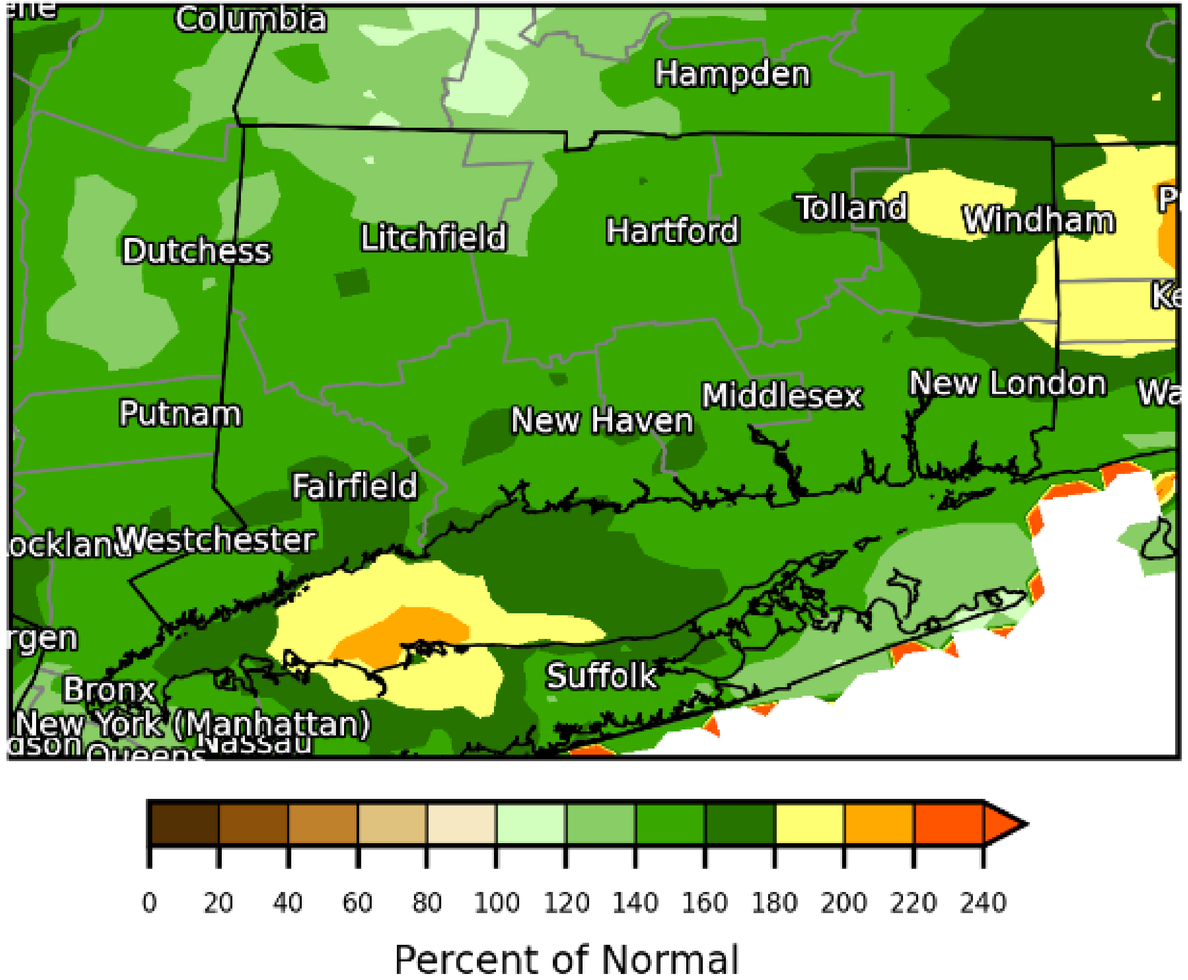
# 3 and 6 Month Percent of Normal Precip

Albany, NY
WEATHER FORECAST OFFICE

## Precipitation Percent of Normal
## March 01, 2024 to May 31, 2024

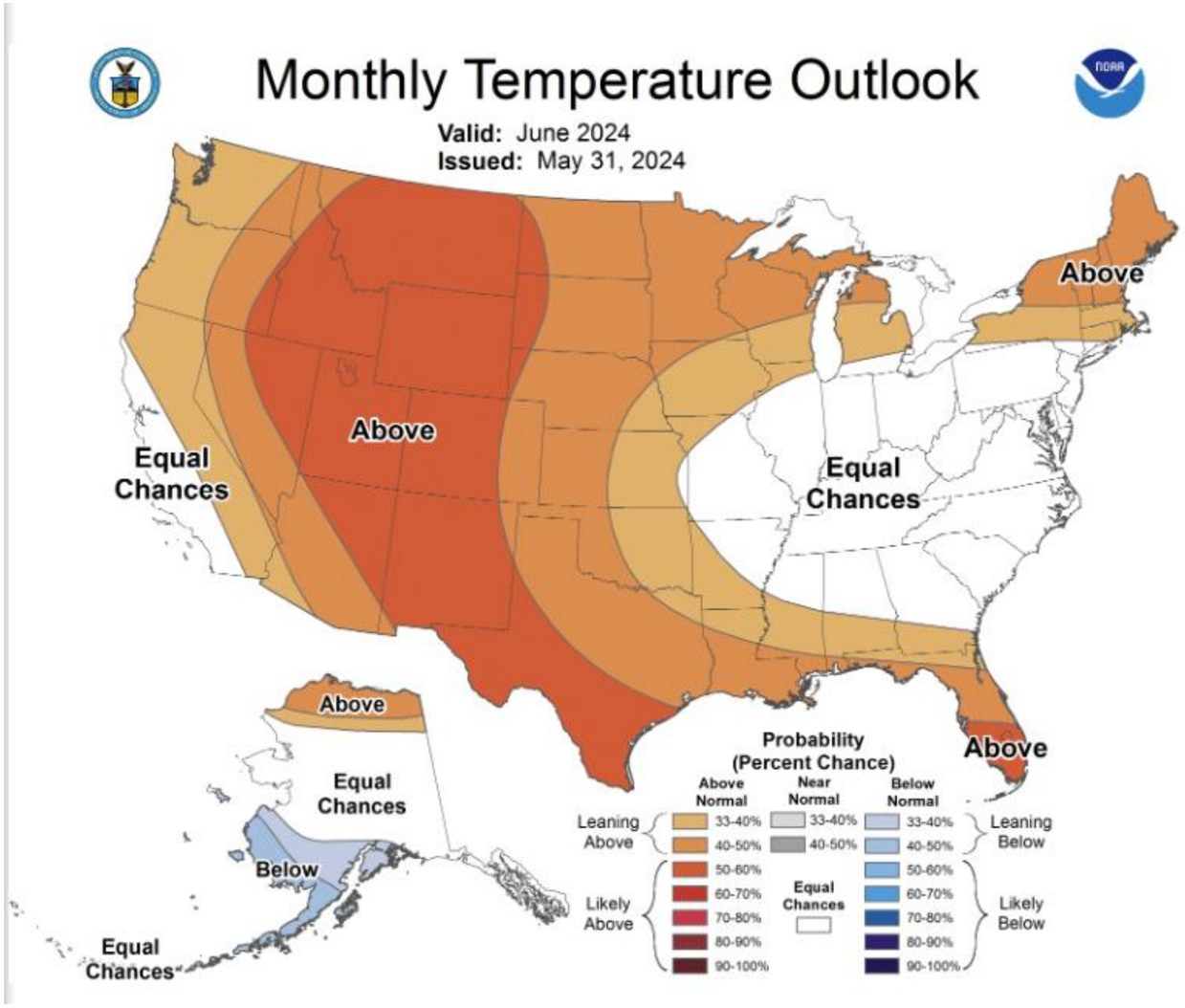


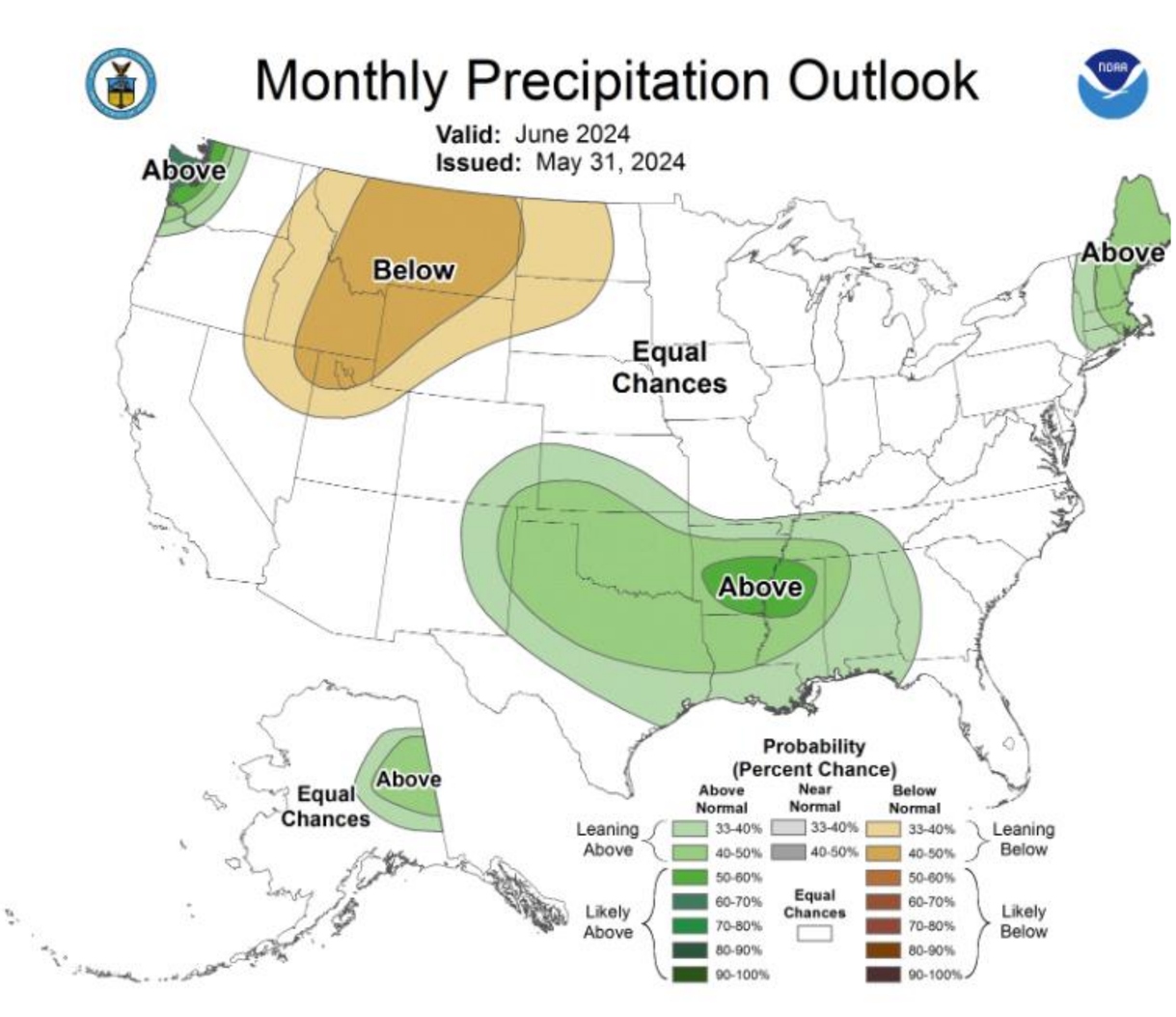

## Precipitation Percent of Normal
## December 01, 2023 to May 31, 2024



# CPC Outlook for June 2024

Albany, NY
WEATHER FORECAST OFFICE



**Connecticut Precipitation**
**National Weather Service Offices**
**Boston/Norton MA, Albany NY, Upton NY**
Preliminary Precipitation Data (inches) by County
Precipitation Data through May 2025
***Includes CoCoRaHS data***

| **CT 1-Month May 2025** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 7.59 | 3.18 | 172 | 4.41 |
| Hartford | 8.40 | 3.98 | 190 | 4.42 |
| Tolland | 7.07 | 2.97 | 172 | 4.10 |
| Windham | 8.21 | 4.19 | 204 | 4.02 |
| Fairfield | 6.20 | 1.81 | 141 | 4.39 |
| New Haven | 8.28 | 4.04 | 195 | 4.24 |
| Middlesex | 6.98 | 2.76 | 165 | 4.22 |
| New London | 8.05 | 4.29 | 214 | 3.76 |

| **CT 2-month Apr 25-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 11.26 | 2.65 | 131 | 8.61 |
| Hartford | 11.94 | 3.21 | 137 | 8.73 |
| Tolland | 11.13 | 2.42 | 128 | 8.71 |
| Windham | 11.88 | 3.27 | 138 | 8.61 |
| Fairfield | 9.13 | 0.30 | 103 | 8.83 |
| New Haven | 11.31 | 2.70 | 131 | 8.61 |
| Middlesex | 10.00 | 1.36 | 116 | 8.64 |
| New London | 11.81 | 3.49 | 142 | 8.32 |

| **CT 3-month Mar 25-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 14.70 | 1.93 | 115 | 12.77 |
| Hartford | 16.07 | 3.23 | 125 | 12.84 |
| Tolland | 15.27 | 2.22 | 117 | 13.05 |
| Windham | 15.74 | 2.68 | 121 | 13.06 |
| Fairfield | 13.10 | -0.09 | 99 | 13.19 |
| New Haven | 15.80 | 2.84 | 122 | 12.96 |
| Middlesex | 13.82 | 0.83 | 106 | 12.99 |
| New London | 16.23 | 3.04 | 123 | 13.19 |

| **CT 4-month Feb 25-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 18.00 | 1.90 | 112 | 16.10 |
| Hartford | 19.31 | 3.20 | 120 | 16.11 |
| Tolland | 18.57 | 2.17 | 113 | 16.40 |
| Windham | 18.42 | 2.07 | 113 | 16.35 |
| Fairfield | 15.84 | -0.45 | 97 | 16.29 |
| New Haven | 19.04 | 2.92 | 118 | 16.12 |
| Middlesex | 16.65 | 0.32 | 102 | 16.33 |
| New London | 19.78 | 3.18 | 119 | 16.60 |

| **CT 5-month Jan 25-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 19.06 | -0.60 | 97 | 19.66 |
| Hartford | 20.43 | 0.69 | 103 | 19.74 |
| Tolland | 19.84 | -0.39 | 98 | 20.23 |
| Windham | 19.50 | -0.59 | 97 | 20.09 |
| Fairfield | 16.91 | -2.96 | 85 | 19.87 |
| New Haven | 20.18 | 0.51 | 103 | 19.67 |
| Middlesex | 17.75 | -2.33 | 88 | 20.08 |
| New London | 21.15 | 0.82 | 104 | 20.33 |

| **CT 6-month Dec 24-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 23.54 | -0.11 | 100 | 23.65 |
| Hartford | 24.65 | 0.97 | 104 | 23.68 |
| Tolland | 25.16 | 0.76 | 103 | 24.40 |
| Windham | 24.34 | 0.00 | 100 | 24.34 |
| Fairfield | 21.77 | -2.18 | 91 | 23.95 |
| New Haven | 25.44 | 1.87 | 108 | 23.57 |
| Middlesex | 23.67 | -0.73 | 97 | 24.40 |
| New London | 27.79 | 3.17 | 113 | 24.62 |

| **CT 7-month Nov 24 - May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 26.39 | -1.52 | 95 | 27.91 |
| Hartford | 27.10 | -1.05 | 96 | 28.15 |
| Tolland | 27.52 | -1.38 | 95 | 28.90 |
| Windham | 26.51 | -2.27 | 92 | 28.78 |
| Fairfield | 25.15 | -3.10 | 89 | 28.25 |
| New Haven | 28.06 | 0.33 | 101 | 27.73 |
| Middlesex | 26.17 | -2.57 | 91 | 28.74 |
| New London | 30.33 | 1.21 | 104 | 29.12 |

| **CT 12-month Jun 24-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 44.46 | -6.26 | 88 | 50.72 |
| Hartford | 44.99 | -5.86 | 88 | 50.85 |
| Tolland | 43.11 | -6.96 | 86 | 50.07 |
| Windham | 42.71 | -7.47 | 85 | 50.18 |
| Fairfield | 44.29 | -5.94 | 88 | 50.23 |
| New Haven | 46.83 | -1.86 | 96 | 48.69 |
| Middlesex | 42.61 | -8.55 | 83 | 51.16 |
| New London | 46.53 | -3.39 | 93 | 49.92 |

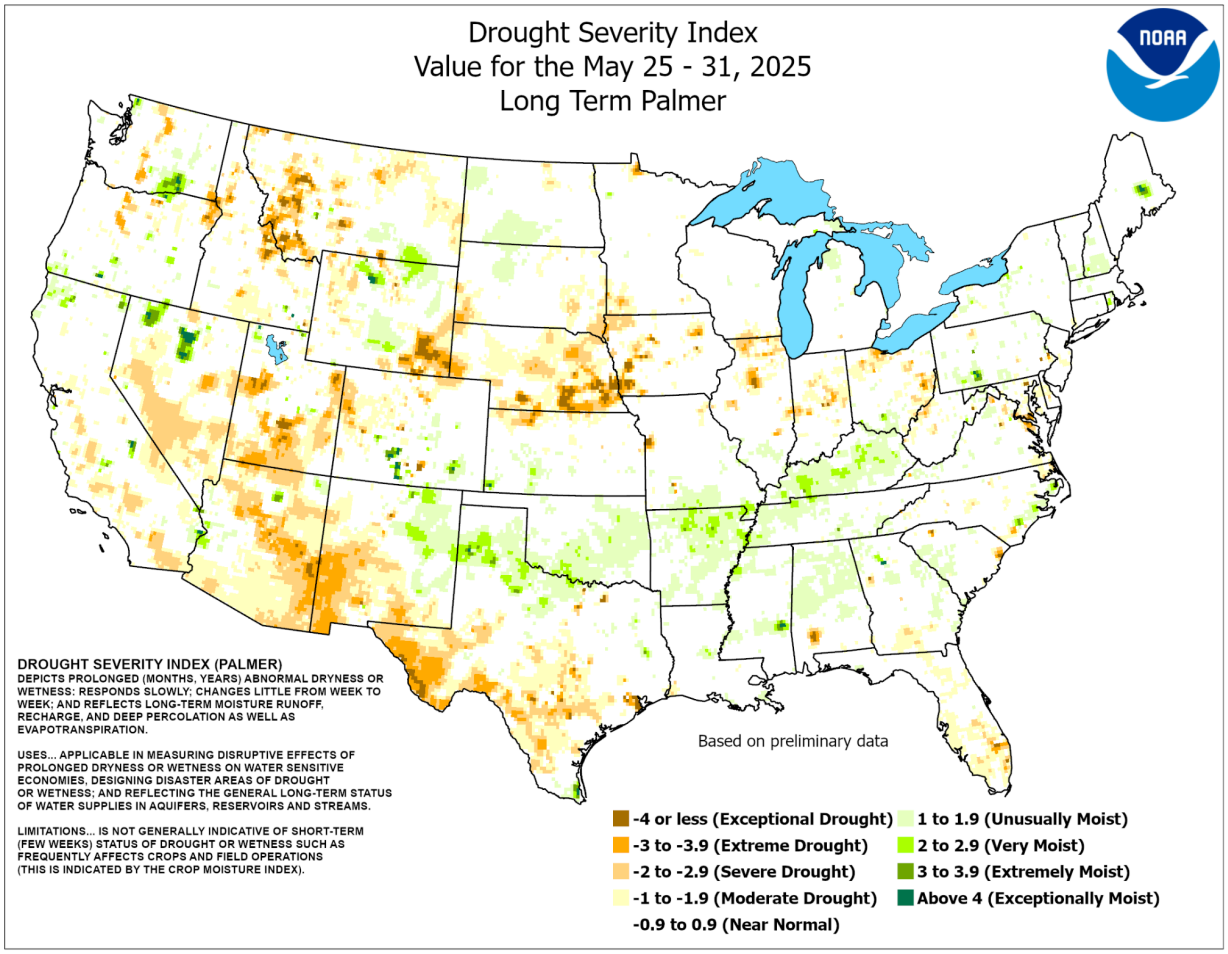
| **CT 24-month Jun 23-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 117.39 | 15.95 | 116 | 101.44 |
| Hartford | 118.13 | 16.43 | 116 | 101.70 |
| Tolland | 115.03 | 14.89 | 115 | 100.14 |
| Windham | 113.34 | 12.98 | 113 | 100.36 |
| Fairfield | 110.17 | 9.72 | 110 | 100.46 |
| New Haven | 118.51 | 21.13 | 122 | 97.38 |
| Middlesex | 111.49 | 9.17 | 109 | 102.32 |
| New London | 114.21 | 14.38 | 114 | 99.84 |

| **CT 36-month Jun 22-May 25** | Rainfall | Departure | Percent | Normal |
|---|---|---|---|---|
| Litchfield | 163.62 | 11.48 | 108 | 152.14 |
| Hartford | 166.31 | 13.69 | 109 | 152.62 |
| Tolland | 163.72 | 13.48 | 109 | 150.24 |
| Windham | 163.63 | 13.05 | 109 | 150.59 |
| Fairfield | 153.08 | 2.25 | 101 | 150.84 |
| New Haven | 167.38 | 21.30 | 115 | 146.08 |
| Middlesex | 162.81 | 9.00 | 106 | 153.81 |
| New London | 160.43 | 10.47 | 107 | 149.97 |

County-based monthly precipitation totals are calculated using an average of all available full-month precipitation totals within that County from the following networks: Community Collaborative Rain, Hail and Snow network (CoCoRaHS), Cooperative Weather Observer Program (Coop), and Automated Surface Observing Systems (ASOS) data.

Coop and ASOS sites are part of National Weather Service networks. CoCoRaHS is a community-based network of volunteers that report precipitation.

County-based monthly normals were calculated using 30-year precipitation normals from NOAA/National Centers for Environmental Information (NCEI) for the period of 1981-2010. Monthly normals from 42 stations (consisting of Coop and ASOS stations) were grouped by County to calculate a single monthly normal for each County.




Map 1. Palmer Drought Index Map for the Week Ending May 31st, 2025. From the Climate Prediction Center.